



2018

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

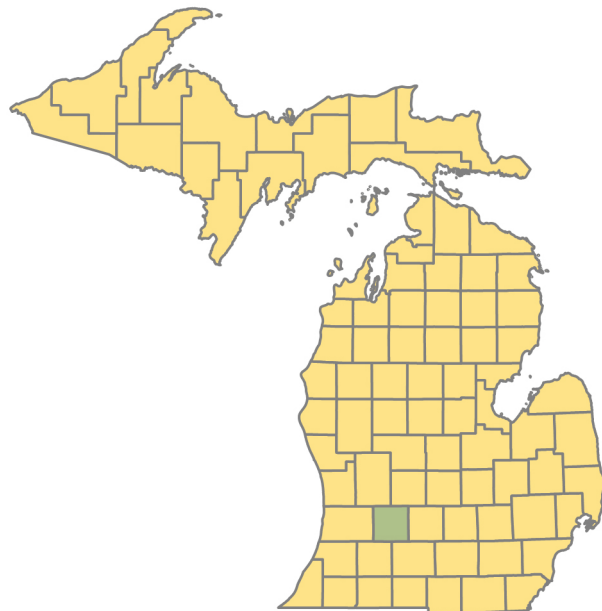
O = No Injury

Property Damage Only (PDO)



Barry County

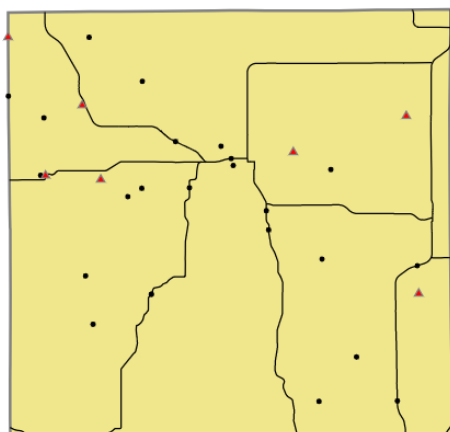
2018 Traffic Crash Data & 2014-2018 5-Year Trends



Sources:

The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with \$1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (7/7)
- A - Suspected Serious (25/25)

Barry County

In 2018:

There were 2,085 drivers involved in 1,581 motor vehicle crashes in Barry County. Of those crashes, 7 were classified as fatal, resulting in 8 fatalities. An additional 276 persons were injured.

Barry County experienced the highest number of motor vehicle crashes (235) in November, the highest number of fatal crashes (3) and the highest number of persons killed (4) in May.

Michigan driver statistics indicate 6.7 percent of licensed drivers in Barry County were age 16-20, and 12.4 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	154	0	16	138	0	21
February	124	0	9	115	0	12
March	106	1	12	93	1	17
April	103	0	10	93	0	11
May	95	3	16	76	4	28
June	102	0	14	88	0	19
July	107	0	19	88	0	27
August	92	1	22	69	1	28
September	110	1	16	93	1	22
October	184	1	25	158	1	42
November	235	0	26	209	0	31
December	169	0	14	155	0	18
Total	1,581	7	199	1,375	8	276

2018 - Driver Statistics

Age Group	Barry County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	11,915	412	5	4.2	121.4
16 - 20	3,685	3,191	258	700.1	808.5
21 - 24	2,716	2,671	168	618.6	629.0
25 - 64	31,587	30,509	1,322	418.5	433.3
65 +	11,254	10,758	252	223.9	234.2
Unknown	0	0	80	- -	- -
Total	61,157	47,541	2,085	340.9	438.6

2018 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	1,572	75.4	5	50.0	214	1,353
Motor home	17	0.8	0	0.0	4	13
Pickup truck	386	18.5	1	10.0	58	327
Small truck under 10,000 lbs. GVWR	19	0.9	0	0.0	0	19
Motorcycle	26	1.2	4	40.0	16	6
Moped / goped	1	0.0	0	0.0	0	1
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	2	0.1	0	0.0	2	0
Other	9	0.4	0	0.0	3	6
Truck/bus over 10,000 lbs.	38	1.8	0	0.0	8	30
Unknown	15	0.7	0	0.0	3	12
Total	2,085	100.0	10	100.0	308	1,767

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	176	1	146	0	172	0	165	1	154	0
February	122	1	117	0	136	0	97	0	124	0
March	152	1	104	1	92	0	39	0	106	1
April	77	1	50	1	97	1	89	0	103	0
May	79	2	94	1	120	0	80	1	95	3
June	93	1	96	0	112	0	106	3	102	0
July	105	1	108	1	100	0	122	1	107	0
August	97	2	91	1	93	0	92	1	92	1
September	101	0	97	0	104	0	112	0	110	1
October	158	0	138	0	155	1	142	3	184	1
November	195	0	210	0	179	0	184	0	235	0
December	135	1	145	1	203	2	216	0	169	0
Total	1,490	11	1,396	6	1,563	4	1,444	10	1,581	7

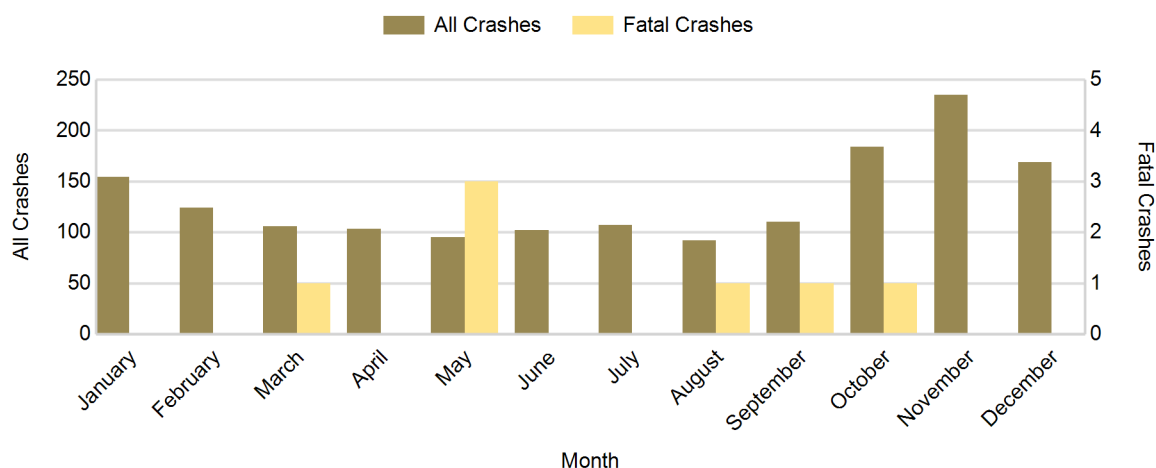
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	205	2	204	0	211	0	212	2	240	0
Tuesday	219	1	206	0	231	1	221	2	264	1
Wednesday	211	4	205	2	232	0	209	2	209	0
Thursday	238	2	212	1	225	1	235	0	229	1
Friday	239 †	0	218 †	0	259 †	0	243 †	1	264 †	1
Saturday	184	2	205	2	237	1	191	1	203	2
Sunday	194	0	146	1	168	1	133	2	172	2
Total	1,490	11	1,396	6	1,563	4	1,444	10	1,581	7

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week

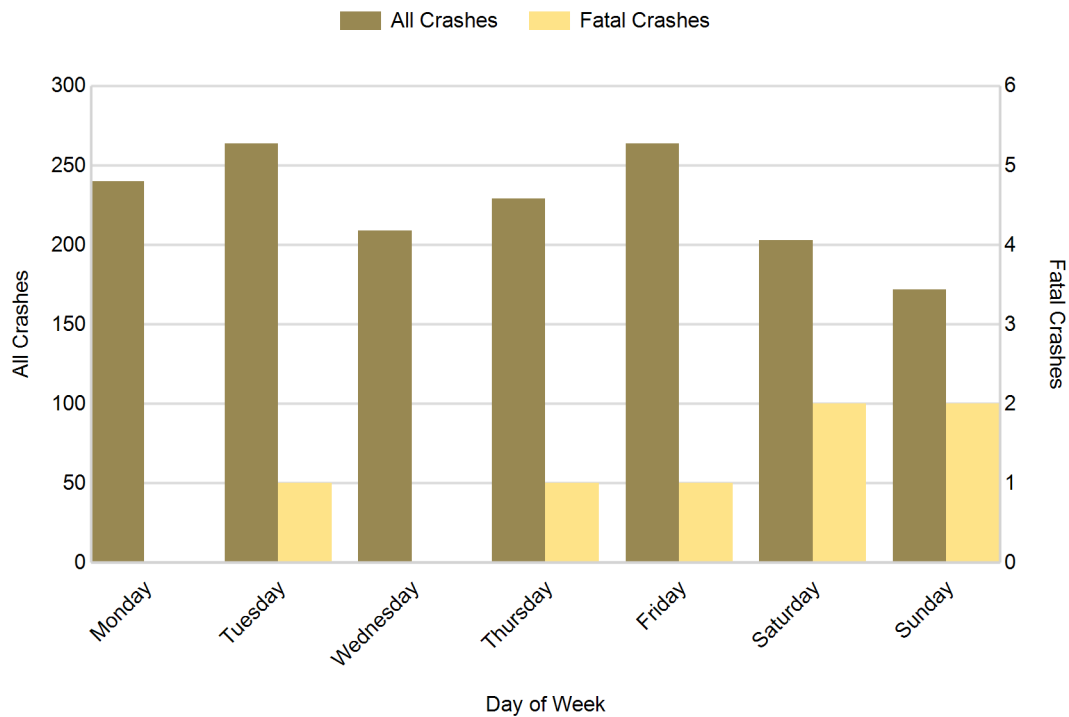
2018 Crashes by Month



2018 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	240	15.2	0	0.0	3	12	12	213
Tuesday	264	16.7	1	14.3	4	18	18	223
Wednesday	209	13.2	0	0.0	2	7	10	190
Thursday	229	14.5	1	14.3	5	8	12	203
Friday	264	16.7	1	14.3	1	14	13	235
Saturday	203	12.8	2	28.6	4	17	8	172
Sunday	172	10.9	2	28.6	6	13	12	139
Total	1,581	100.0	7	100.0	25	89	85	1,375

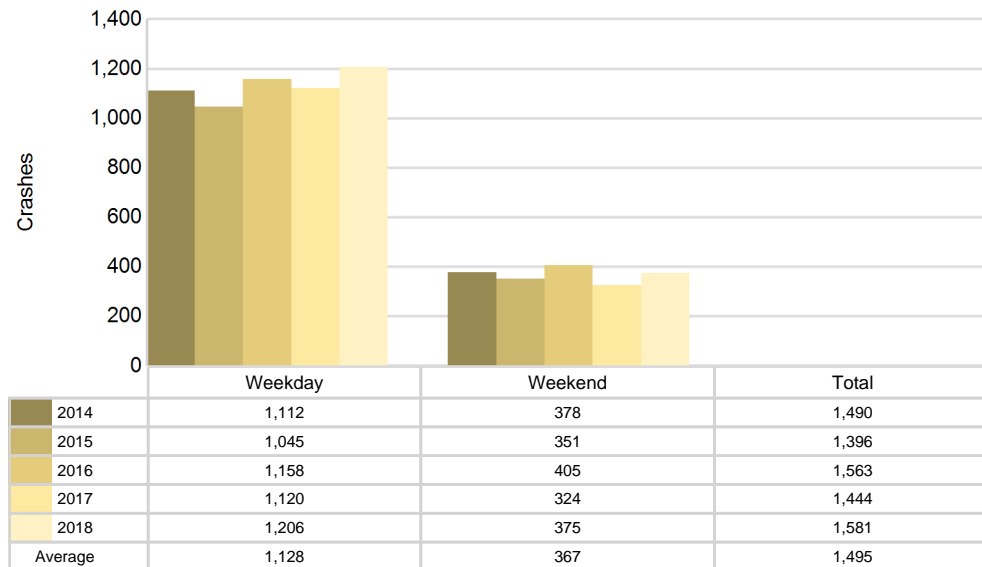
2018 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,112	9	1,045	3	1,158	2	1,120	7	1,206	3
Weekend	378	2	351	3	405	2	324	3	375	4
Total	1,490	11	1,396	6	1,563	4	1,444	10	1,581	7

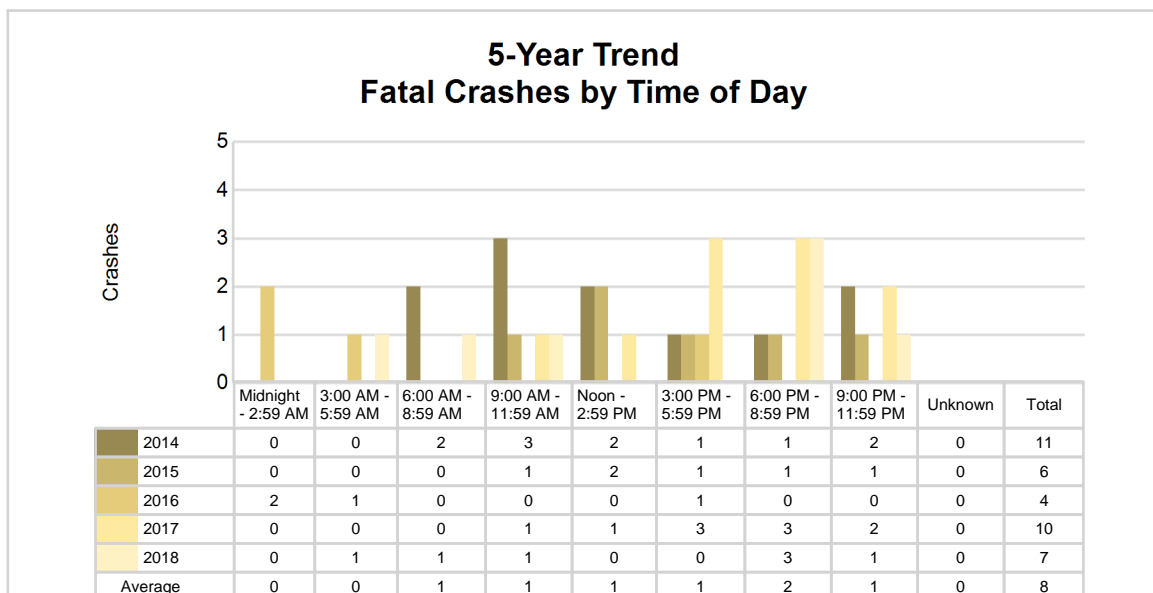
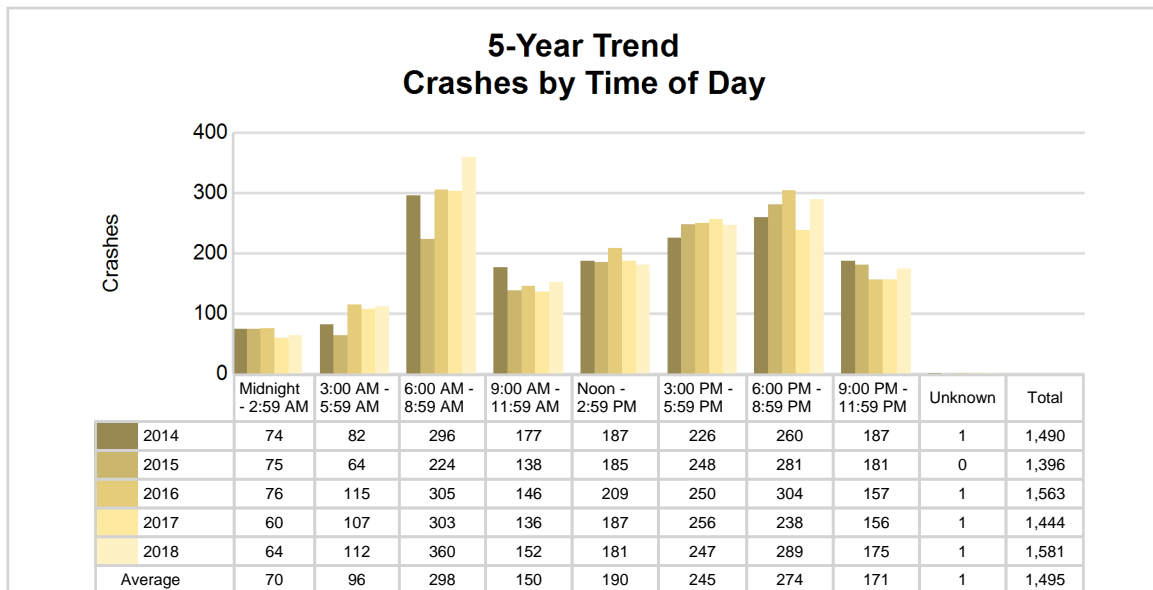
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

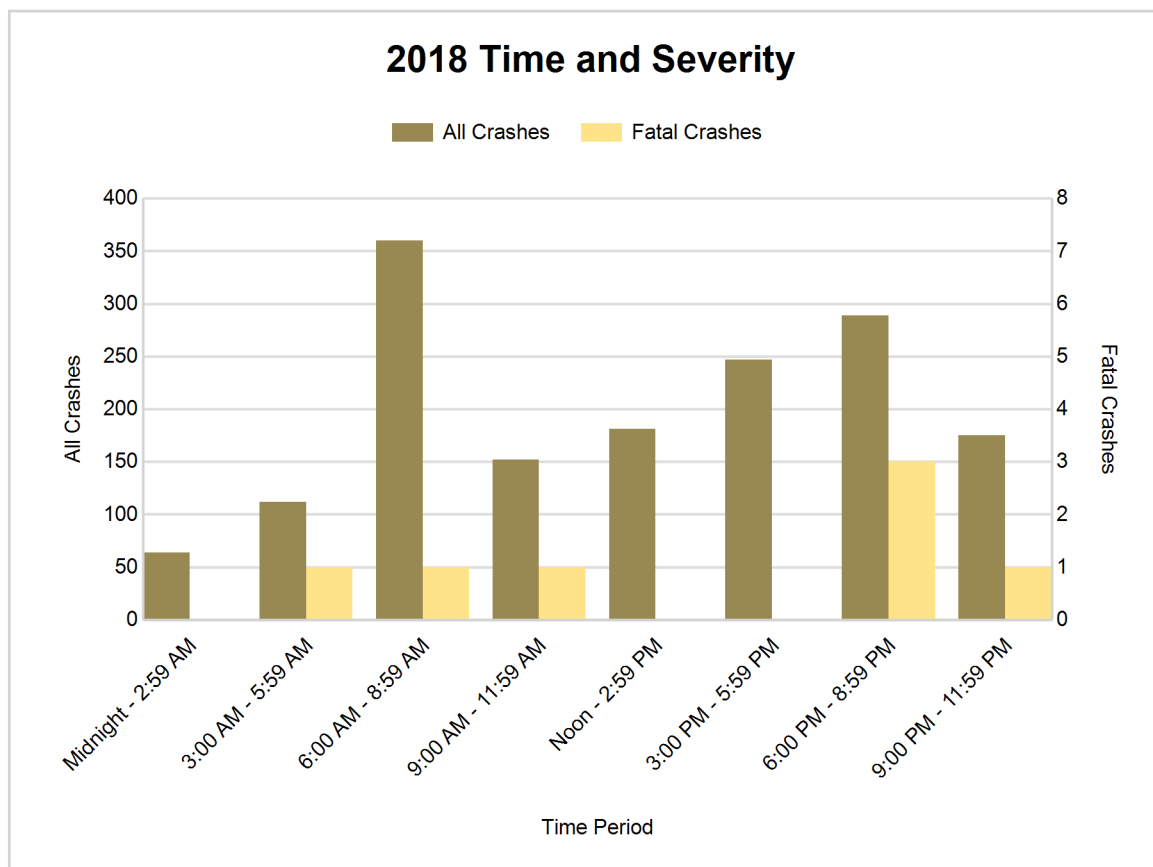
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	74	0	75	0	76	2	60	0	64	0
3:00 AM - 5:59 AM	82	0	64	0	115	1	107	0	112	1
6:00 AM - 8:59 AM	296	2	224	0	305	0	303	0	360	1
9:00 AM - 11:59 AM	177	3	138	1	146	0	136	1	152	1
Noon - 2:59 PM	187	2	185	2	209	0	187	1	181	0
3:00 PM - 5:59 PM	226	1	248	1	250	1	256	3	247	0
6:00 PM - 8:59 PM	260	1	281	1	304	0	238	3	289	3
9:00 PM - 11:59 PM	187	2	181	1	157	0	156	2	175	1
Unknown	1	0	0	0	1	0	1	0	1	0
Total	1,490	11	1,396	6	1,563	4	1,444	10	1,581	7

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



2018 - Time and Severity

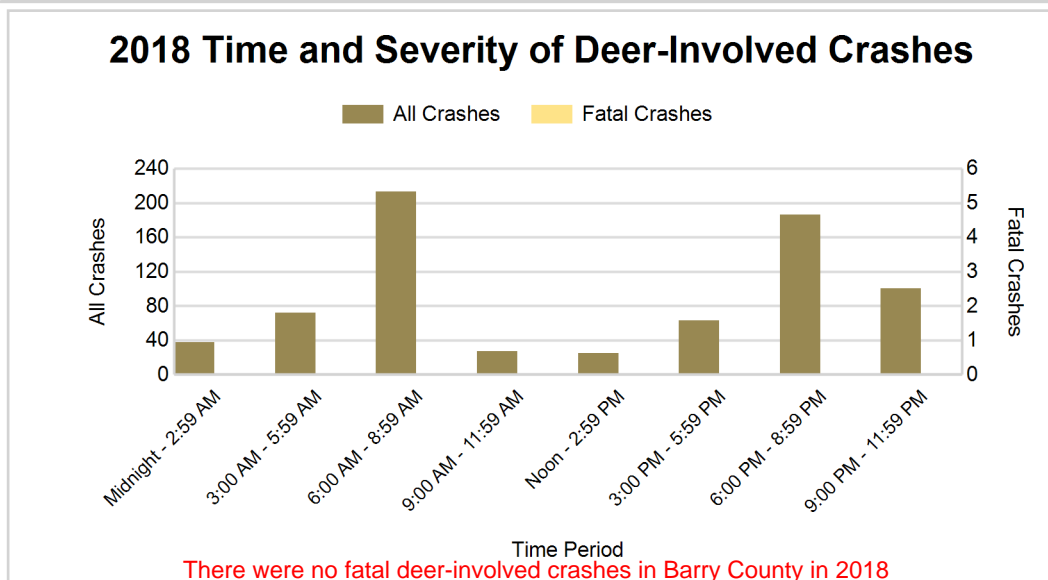
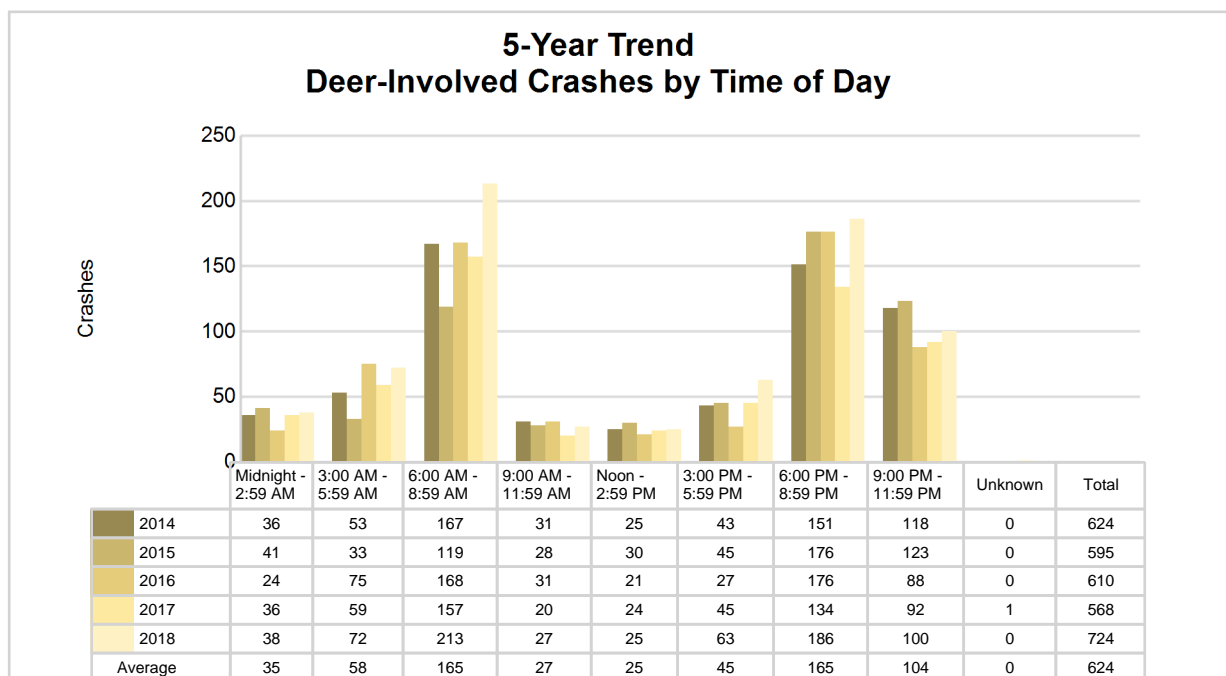
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	64	4.0	0	0.0	0	4	1	59
3:00 AM - 5:59 AM	112	7.1	1	14.3	0	5	3	103
6:00 AM - 8:59 AM	360	22.8	1	14.3	1	9	16	333
9:00 AM - 11:59 AM	152	9.6	1	14.3	7	9	9	126
Noon - 2:59 PM	181	11.4	0	0.0	3	14	15	149
3:00 PM - 5:59 PM	247	15.6	0	0.0	8	23	16	200
6:00 PM - 8:59 PM	289	18.3	3	42.9	4	12	16	254
9:00 PM - 11:59 PM	175	11.1	1	14.3	1	13	9	151
Unknown	1	0.1	0	0.0	1	0	0	0
Total	1,581	100.0	7	100.0	25	89	85	1,375



5-Year Trend - Deer-Involved Crashes by Time of Day

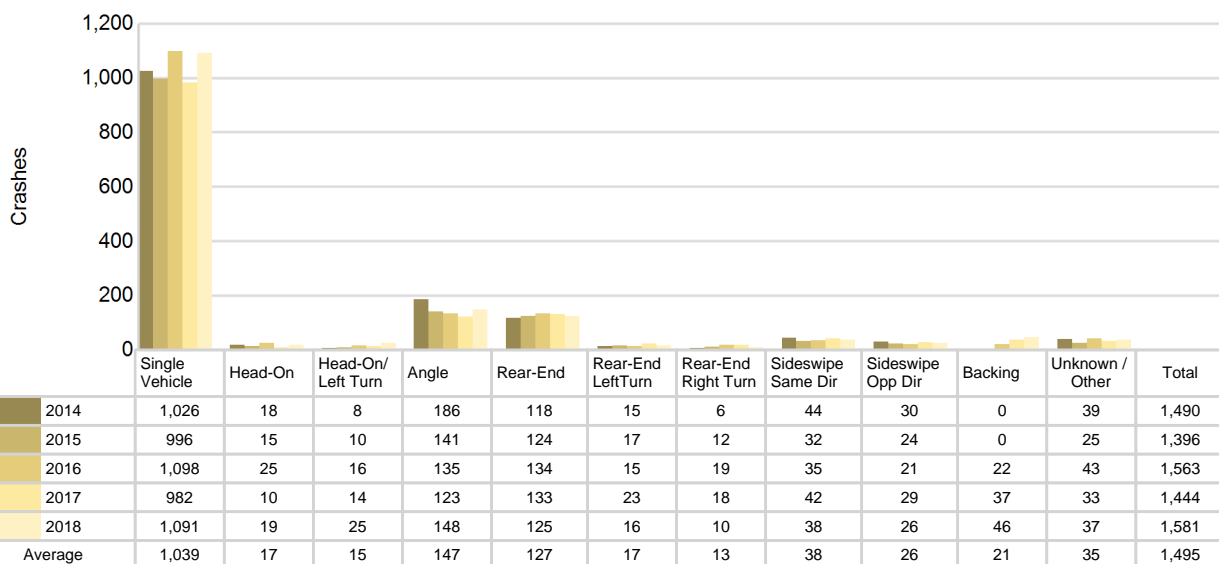
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	36	0	41	0	24	0	36	0	38	0
3:00 AM - 5:59 AM	53	0	33	0	75	0	59	0	72	0
6:00 AM - 8:59 AM	167	0	119	0	168	0	157	0	213	0
9:00 AM - 11:59 AM	31	0	28	0	31	0	20	0	27	0
Noon - 2:59 PM	25	0	30	0	21	0	24	0	25	0
3:00 PM - 5:59 PM	43	0	45	0	27	0	45	0	63	0
6:00 PM - 8:59 PM	151	0	176	0	176	0	134	1	186	0
9:00 PM - 11:59 PM	118	0	123	1	88	0	92	0	100	0
Unknown	0	0	0	0	0	0	1	0	0	0
Total	624	0	595	1	610	0	568	1	724	0

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	1,026	4	996	3	1,098	3	982	8	1,091	4
Head-on	18	2	15	1	25	1	10	1	19	1
Head-on / left turn	8	0	10	0	16	0	14	0	25	0
Angle	186	4	141	1	135	0	123	0	148	0
Rear-end	118	0	124	0	134	0	133	1	125	1
Rear-end left turn	15	0	17	0	15	0	23	0	16	0
Rear-end right turn	6	0	12	0	19	0	18	0	10	0
Sideswipe same direction	44	1	32	0	35	0	42	0	38	0
Sideswipe opposite direction	30	0	24	1	21	0	29	0	26	0
Backing	0	0	0	0	22	0	37	0	46	0
Other / Unknown	39	0	25	0	43	0	33	0	37	1
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	1,490	11	1,396	6	1,563	4	1,444	10	1,581	7

5-Year Trend
Crashes by Crash Type

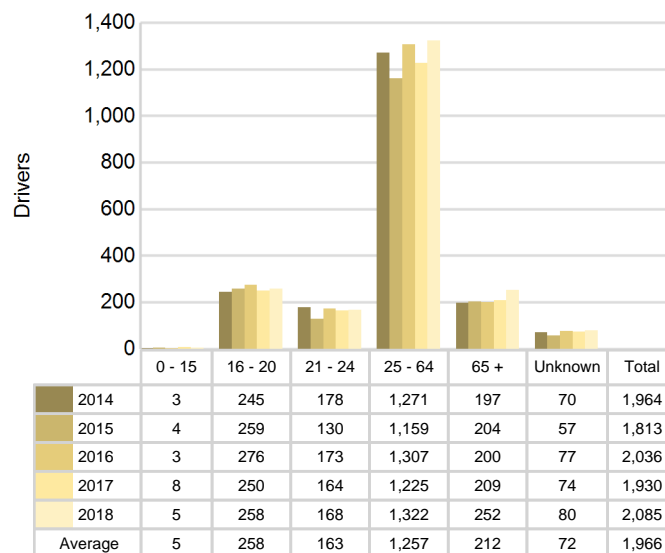
2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Assyria Twp.	45	0	5	40	0	0	20	24	0	0	31	0	6
Baltimore Twp.	53	0	4	49	0	0	33	20	0	0	27	0	7
Barry Twp.	62	0	4	58	0	0	13	49	1	0	26	0	5
Carlton Twp.	90	0	11	79	0	0	39	51	3	1	60	0	13
Castleton Twp.	59	0	8	51	0	0	25	34	1	0	36	0	12
Freeport	2	0	0	2	0	0	0	2	1	0	0	0	0
Hastings	210	0	31	179	0	0	101	108	9	2	14	0	39
Hastings Twp.	97	1	16	80	0	0	31	66	5	1	54	1	20
Hope Twp.	78	0	15	63	0	0	27	51	4	1	31	0	23
Irving Twp.	65	0	5	60	0	0	0	65	1	1	41	0	5
Johnstown Twp.	78	0	6	72	0	0	24	54	5	1	46	0	8
Maple Grove Twp.	64	1	3	60	0	0	26	38	1	1	54	1	4
Middleville	47	0	6	41	0	0	22	25	2	0	4	0	11
Nashville	10	0	0	10	0	0	6	4	0	0	3	0	0
Orangeville Twp.	58	0	12	46	0	0	0	58	4	2	17	0	19
Prairieville Twp.	96	0	14	82	0	0	23	73	1	0	62	0	18
Rutland Twp.	178	0	25	153	0	0	122	56	4	0	83	0	35
Thornapple Twp.	125	2	16	107	0	0	49	76	2	1	55	2	25
Woodland	3	0	1	2	0	0	3	0	0	0	0	0	1
Woodland Twp.	67	1	7	59	0	0	36	31	0	0	46	1	13
Yankee Springs Twp.	94	2	10	82	0	0	38	56	2	1	34	3	12
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,581	7	199	1,375	0	0	638	941	46	12	724	8	276

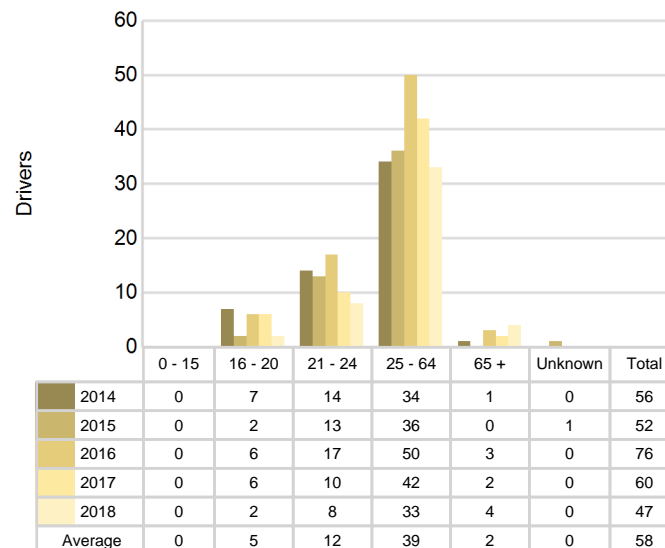
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2014		2015		2016		2017		2018	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	3	0	4	0	3	0	8	0	5	0
16 - 20	245	7	259	2	276	6	250	6	258	2
21 - 24	178	14	130	13	173	17	164	10	168	8
25 - 64	1,271	34	1,159	36	1,307	50	1,225	42	1,322	33
65 +	197	1	204	0	200	3	209	2	252	4
Unknown	70	0	57	1	77	0	74	0	80	0
Total	1,964	56	1,813	52	2,036	76	1,930	60	2,085	47

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2018 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	4	5	2	2	0	1	1	0	0
21 - 24	9	11	7	8	0	2	3	1	2
25 - 64	39	40	27	33	0	3	9	9	12
65 +	6	5	4	4	0	0	1	1	2
Unknown	5	0	0	0	0	0	0	0	0
Total	63	61	40	47	0	6	14	11	16

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

In 2018, there were 63 drivers in alcohol-involved crashes; 47 (74.6%) of those drivers were coded as had-been-drinking by the officer on the crash form.

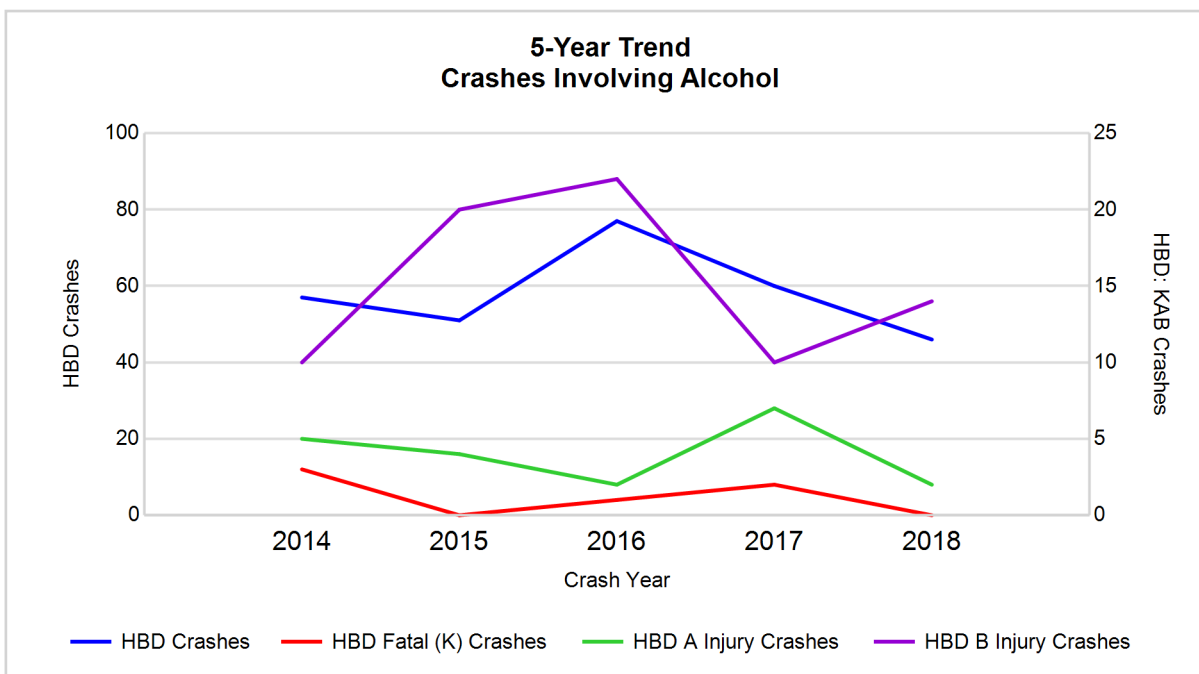
- 25 (53.2%) of the 47 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 11 (44.0%) of the 25 drivers had a BAC at or above 0.17 g/dL.
- 40 (85.1%) of the 47 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2014	1,490	57	3.8	11	3	27.3	35	5	14.3	70	10	14.3
2015	1,396	51	3.7	6	0	0.0	22	4	18.2	83	20	24.1
2016	1,563	77	4.9	4	1	25.0	31	2	6.5	113	22	19.5
2017	1,444	60	4.2	10	2	20.0	35	7	20.0	83	10	12.0
2018	1,581**	46*	2.9*	7	0	0.0	25	2	8.0	89	14	15.7

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



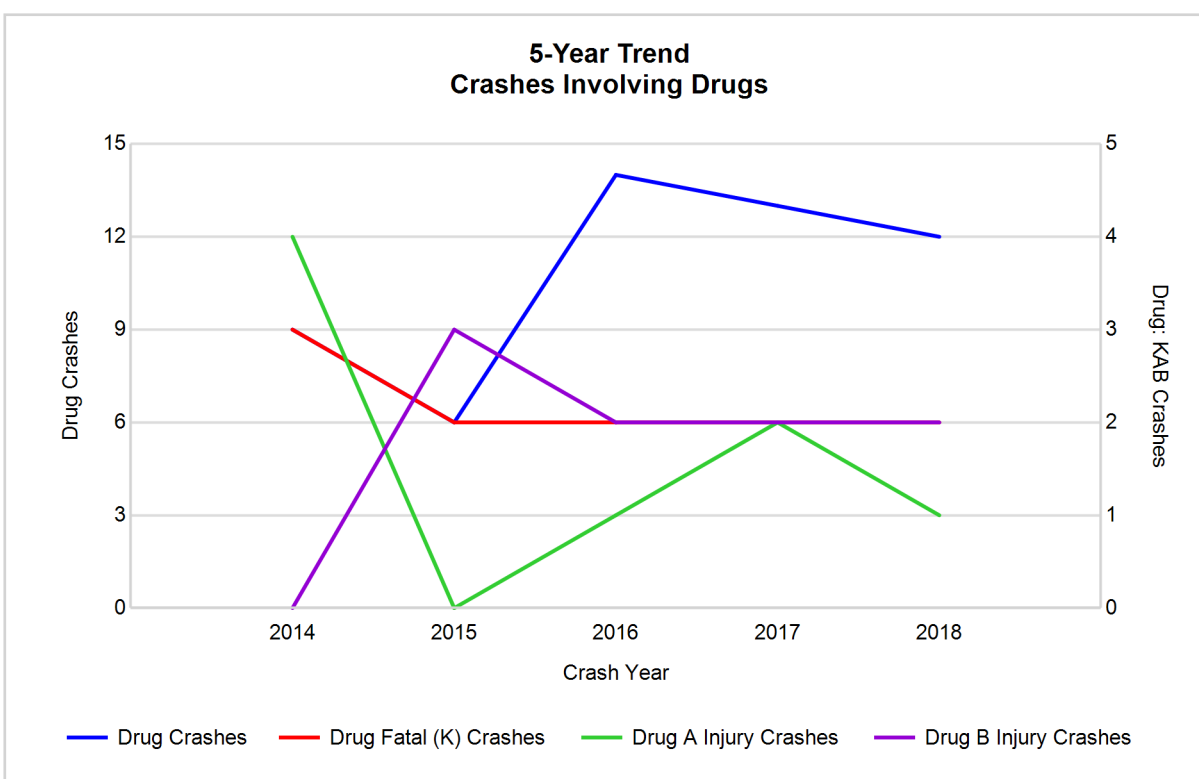
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2014	1,490	9	0.6	11	3	27.3	35	4	11.4	70	0	0.0
2015	1,396	6	0.4	6	2	33.3	22	0	0.0	83	3	3.6
2016	1,563	14	0.9	4	2	50.0	31	1	3.2	113	2	1.8
2017	1,444	13	0.9	10	2	20.0	35	2	5.7	83	2	2.4
2018	1,581**	12	0.8	7	2	28.6	25	1	4.0	89	2	2.2

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column

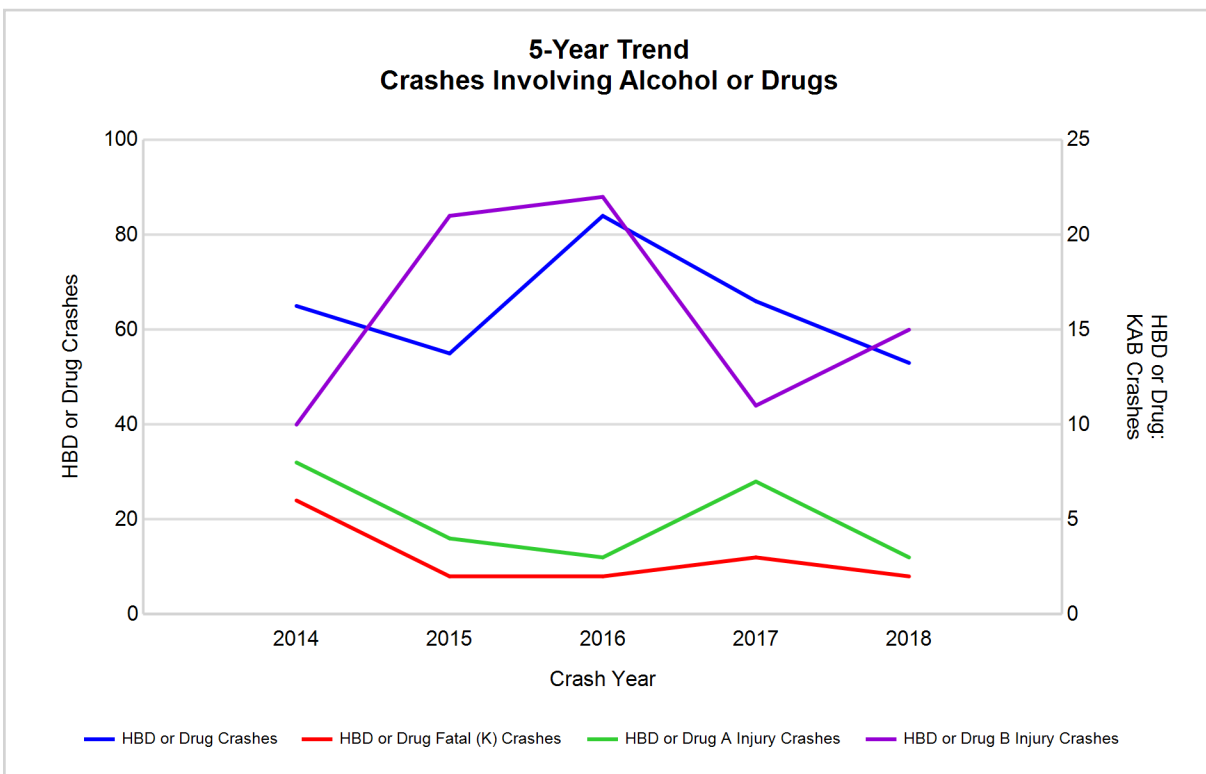


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2014	1,490	65	4.4	11	6	54.5	35	8	22.9	70	10	14.3
2015	1,396	55	3.9	6	2	33.3	22	4	18.2	83	21	25.3
2016	1,563	84	5.4	4	2	50.0	31	3	9.7	113	22	19.5
2017	1,444	66	4.6	10	3	30.0	35	7	20.0	83	11	13.3
2018	1,581**	53*	3.4*	7	2	28.6*	25	3	12.0	89	15	16.9

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



Note: Had-Been-Drinking (HBD)

2018 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	1,622	1,520	93.7	3	1	33.3	14	12	85.7	86	80	93.0	105	99	94.3	1,364	1,319	96.7
Motor home	21	20	95.2	0	0	0.0	1	0	0.0	3	3	100.0	2	2	100.0	15	15	100.0
Pickup truck	392	357	91.1	1	0	0.0	6	4	66.7	11	10	90.9	21	18	85.7	336	322	95.8
Small truck under 10,000 lbs. GVWR	19	16	84.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	17	16	94.1
Motorcycle	26	14	53.8	4	3	75.0	4	2	50.0	11	8	72.7	1	0	0.0	4	1	25.0
Moped / goped	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Go-cart / golf cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	3	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0	1	0	0.0
Other	9	4	44.4	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	7	4	57.1
Truck/bus over 10,000 lbs.	39	38	97.4	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0	36	36	100.0
Unknown	15	1	6.7	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	3	1	33.3
Total	2,147	1,971	91.8	8	4	0.0	27	19	70.4	113	102	90.3	131	119	90.8	1,784	1,715	96.1

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2018 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	25	22	88.0	0	0	0.0	2	1	50.0	5	5	100.0	14	14	100.0	4	2	50.0
16 - 20	267	253	94.8	0	0	0.0	5	4	80.0	16	15	93.8	17	17	100.0	228	216	94.7
21 - 24	173	167	96.5	0	0	0.0	1	0	0.0	9	8	88.9	14	13	92.9	149	146	98.0
25 - 64	1,344	1,281	95.3	5	3	60.0	15	11	73.3	67	58	86.6	72	64	88.9	1,176	1,136	96.6
65 +	258	248	96.1	3	1	33.3	4	3	75.0	16	16	100.0	13	11	84.6	220	215	97.7
Unknown	80	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	7	0	0.0
Total	2,147	1,971	91.8	8	4	0.0	27	19	70.4	113	102	90.3	131	119	90.8	1,784	1,715	96.1

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	14	1	3	10	0	3	4	0	1	6	0	2	7	0	1
Shoulder belt only used	0	0	0	8	0	0	7	0	1	5	0	0	6	0	0
Lap belt only used	3	0	0	2	0	0	2	0	0	7	0	1	4	0	0
Both lap & shoulder belts used	1,815	5	165	1,668	4	158	1,859	1	187	1,768	0	164	1,890	1	177
No belts used	17	4	7	20	1	9	18	1	12	15	2	6	13	1	6
Child restraint used	0	0	0	0	0	0	2	0	0	3	0	0	2	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0
Restraint use unknown	20	0	6	20	0	4	47	1	5	57	0	5	101	1	9
Helmet worn	10	0	8	14	0	8	21	0	15	16	2	10	15	3	10
Helmet not worn	10	0	7	9	0	6	8	0	7	10	1	5	7	1	4
Helmet use unknown	8	0	3	2	0	0	6	0	3	7	0	3	5	0	3
Uncoded & errors	67	0	1	59	0	1	61	0	0	36	0	0	34	0	0
Total	1,964	10	200	1,813	5	190	2,036	4	231	1,930	5	196	2,085	7	210

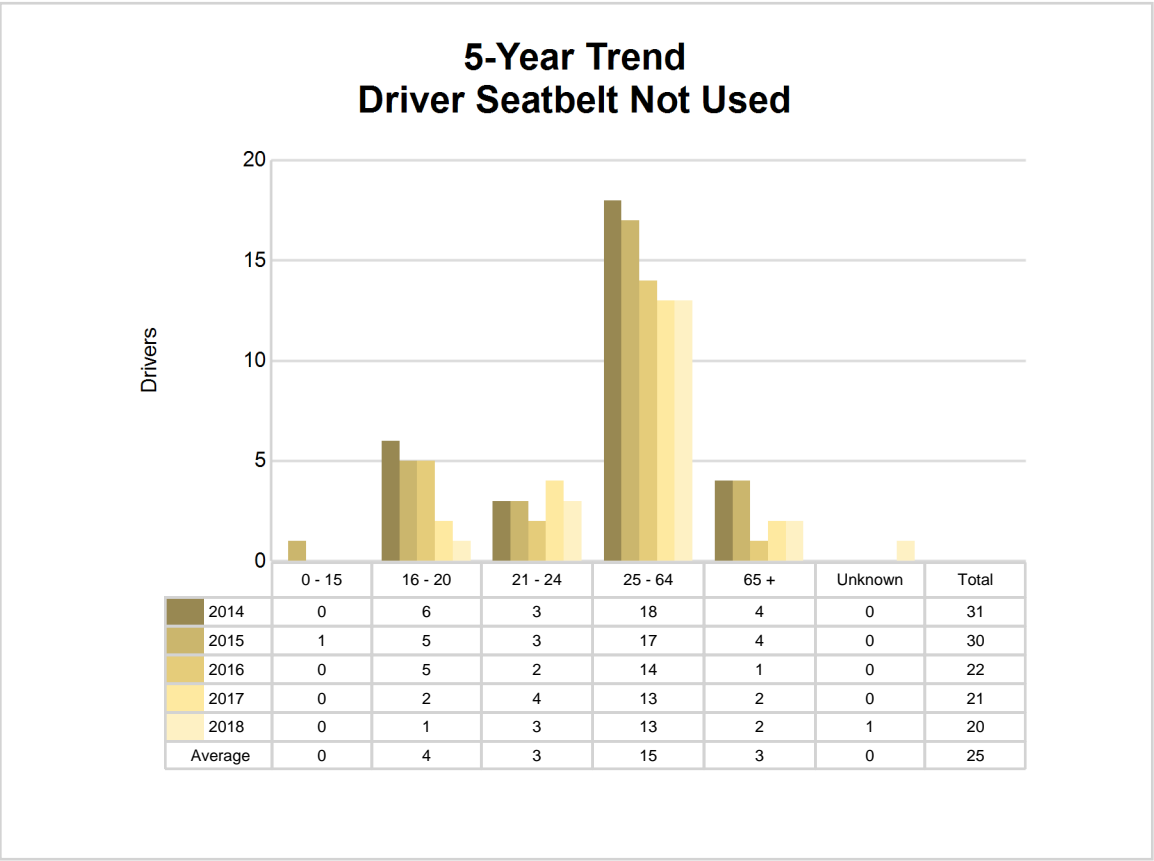
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	45	1	12	37	0	18	59	0	18	49	0	12	36	0	14
No belts used	3	1	1	6	0	4	4	0	4	5	1	3	1	0	1
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Restraint use unknown	4	0	2	6	0	1	7	0	2	2	0	1	6	0	1
Helmet worn	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0
Helmet not worn	1	0	1	1	0	1	3	0	3	1	0	1	2	0	2
Helmet use unknown	2	0	1	0	0	0	1	0	1	0	0	0	2	0	2
Uncoded & errors	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	56	2	18	52	0	25	76	1	29	60	1	19	47	0	20

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16 - 20	6	1	1	5	0	3	5	1	3	2	0	1	1	0	0
21 - 24	3	0	2	3	0	1	2	0	2	4	0	3	3	0	1
25 - 64	18	3	6	17	0	8	14	0	8	13	1	4	13	0	6
65 +	4	1	1	4	1	0	1	0	0	2	1	0	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	31	5	10	30	1	12	22	1	13	21	2	8	20	1	7

Note: Seatbelt Not Used includes no belts available or no belts used.

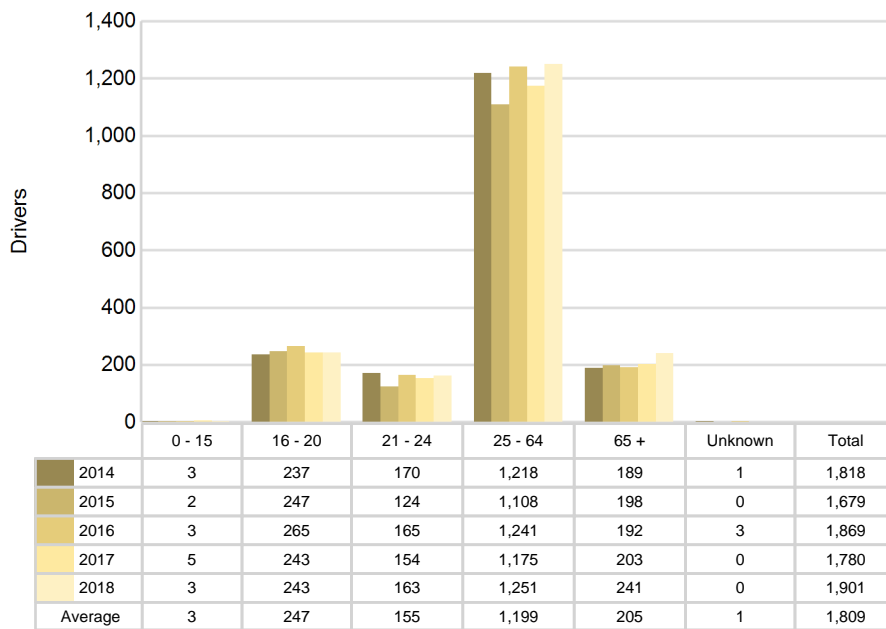


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	3	0	0	2	0	1	3	0	2	5	0	2	3	0	1
16 - 20	237	0	30	247	0	30	265	0	33	243	0	20	243	0	27
21 - 24	170	0	13	124	1	15	165	0	21	154	0	17	163	0	17
25 - 64	1,218	3	107	1,108	2	99	1,241	2	110	1,175	0	109	1,251	1	108
65 +	189	2	15	198	1	14	192	0	22	203	0	17	241	0	24
Unknown	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Total	1,818	5	165	1,679	4	159	1,869	2	188	1,780	0	165	1,901	1	177

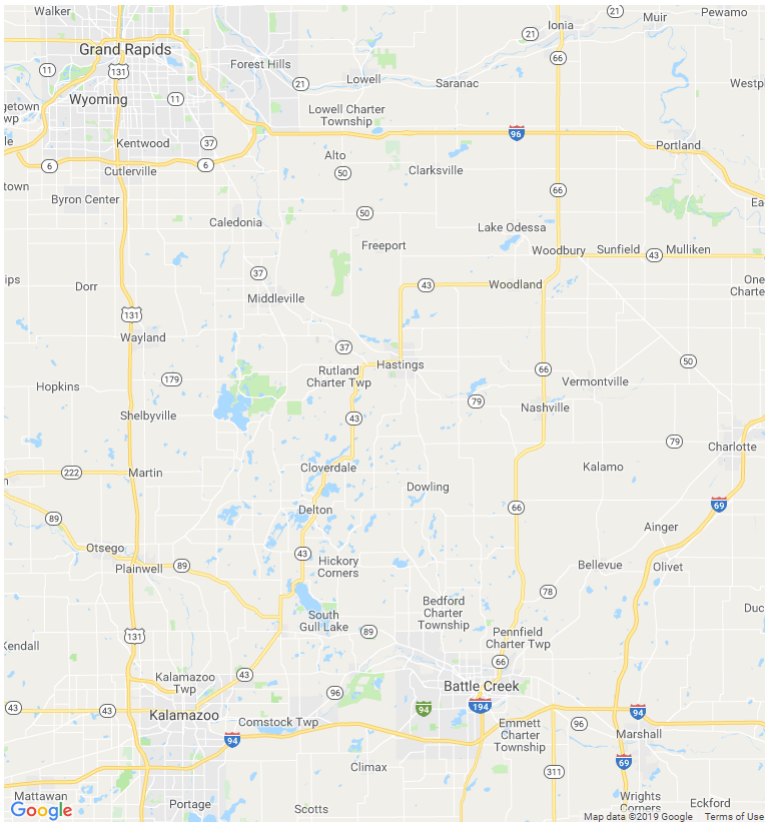
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2014		2015		2016		2017		2018	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	1,172	9	1,116	5	1,158	1	1,132	4	1,280	4
Speed too fast	180	1	159	1	228	0	177	3	177	2
Speed too slow	1	0	1	0	0	0	1	0	0	0
Failed to yield	143	4	130	1	135	0	127	0	166	0
Disregard traffic control	24	0	16	0	19	0	26	0	31	0
Drove wrong way	0	0	0	0	0	0	1	0	0	0
Drove left of center	23	3	17	0	18	1	18	1	21	0
Improper passing	15	0	15	0	9	0	12	0	15	0
Improper lane use	8	0	9	0	9	0	10	0	28	0
Improper turn	12	0	7	0	13	0	14	0	8	0
Improper/no signal	3	0	1	0	2	0	5	0	1	0
Improper backing	37	0	30	0	43	0	32	0	45	0
Unable to stop in assured clear distance	125	0	117	0	154	0	159	0	135	0
Other	91	0	55	1	89	1	74	3	56	0
Unknown	12	0	15	1	45	0	37	1	28	3
Reckless driving	6	0	10	0	13	2	6	0	9	0
Careless/negligent driving	69	1	97	1	75	0	82	0	63	1
Uncoded & errors	43	0	18	0	26	0	17	0	22	0
Total	1,964	18	1,813	10	2,036	5	1,930	12	2,085	10



In 2018, there were no alcohol-involved fatal crashes in Barry County.

In 2018, there were 46 alcohol-involved crashes in Barry County:

- 0 K - Fatal Crashes
- 2 A - Suspected Serious Injury Crashes
- 14 B - Suspected Minor Injury Crashes
- 5 C - Possible Injury Crashes
- 25 O - Property Damage Only/No Injury Crashes

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